



Cisco IP DECT 6800 Series

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Cisco IP DECT 6800 Series Overview

The Cisco IP DECT 6800 Series is designed for small and medium businesses. The series is made up of:

- Cisco IP DECT 110 Single-Cell Base Station
- Cisco IP DECT 210 Multi-Cell Base Station
- Cisco IP DECT 110 Repeater
- Cisco IP DECT Phone 6823 Handset
- Cisco IP DECT Phone 6825 Handset
- Cisco IP DECT Phone 6825 Ruggedized Handset

The base stations and repeater look the same. But each has a different function.



Note

This document covers the Cisco IP DECT 6800 Series only. This series is different from the Cisco IP Phone 6800 Series Multiplatform Phones. For information on the Cisco IP Phone 6800 Series Multiplatform Phones, see <https://www.cisco.com/c/en/us/support/collaboration-endpoints/ip-phone-6800-series-multiplatform-firmware/series.html>

Figure 1: Cisco IP DECT Phone 6823 Handset, Cisco IP DECT Phone 6825 Handset, Cisco IP DECT Phone 6825 Ruggedized Handset, Cisco IP DECT 110 Repeater, Cisco IP DECT 210 Multi-Cell Base Station, and Cisco IP DECT 110 Single-Cell Base Station



The orange Cisco IP DECT Phone 6825 Ruggedized Handset is IP65-rated. IP65 means that the handset is dust tight and protected against water projected from a nozzle. The orange color makes the handset easier to locate.

The following table gives the main differences between the Cisco IP DECT Phone 6825 Handset and the Cisco IP DECT Phone 6823 Handset.

Feature	Cisco IP DECT Phone 6825 Handset	Cisco IP DECT Phone 6823 Handset
Screen	Display: 2 inches Resolution: 240 x 320 pixels	Display: 1.7 inches Resolution: 128 x 160 pixels
Emergency button	Present	Not present
Bluetooth	Supported	Not supported
Charging cradle	USB port and LED	No USB port or LED

The handsets use Digital Enhanced Cordless Telecommunications (DECT) to communicate with a base station. The base station communicates with the call control system for call control functions.

You can set up the system in these configurations:

- One Cisco IP DECT 110 Single-Cell Base Station with up to six 110 Repeaters
- Two Cisco IP DECT 110 Single-Cell Base Stations with up to twelve 110 Repeaters
- One or more Cisco IP DECT 210 Multi-Cell Base Station with up to three 110 Repeaters per base station.

Multiple base stations extend radio coverage for larger office spaces.

Each Cisco IP DECT 210 Multi-Cell Base Station can have up to 30 handsets configured to use the base station. Each 110 Single-Cell Base Station can have up to 20 handsets configured to use the base station. The number of active calls on a base station is limited. For more information, see [Installation Requirements](#).

This document discusses the installation, configuration, and administration of the system. For information about using the handset, see the *Cisco IP DECT 6800 Series User Guide*.

The following table lists some common terms and their meanings used in this document.

Table 1: Terms

Term	Meaning
<i>Handset or phone</i>	6823 Handset 6825 Handset
<i>Base station</i>	110 Single-Cell Base Station 210 Multi-Cell Base Station
<i>Repeater</i>	110 Repeater
<i>System</i>	The set of handsets, repeaters, and base stations at a customer site.



Note Not all features may be supported on your system. Contact your service provider for the supported features.

Base Station and Repeater Identification

You can identify the Cisco IP DECT 6800 Series devices by the symbol on the top of the device.

Device	Symbols
110 Single-Cell Base Station	
210 Multi-Cell Base Station	
110 Repeater	

You can also identify the base stations and repeaters in these ways:

- The product identification label on the back of the devices.
- Repeaters don't have a LAN port.

New and Changed Information

New and Changed Information for Firmware Release 5.1(2)

Features	New or Changed Information
Updated the topic for LLDP and CDP	Network Protocols
Technical Details	New section: Reset the Network VLAN
A new topic added to base station now allows to download complete XML config file from Cisco EDOS server	EDOS Profile and XML Parameters
A new topic added to record configuration changes that users make to the base station using the configuration changes logging function	Logging of Configuration Changes of Base Station
A new topic added to the base station requests DECT locked handsets for changelogs	Reporting of Configuration Changes
New topics added for DECT on CUCM support	Cisco IP DECT 6800 Series with Cisco Unified Communications Manager
Added a new topic to support on-device firewall	Configure On-Device Firewall Firewall Default Port Settings
Added new parameters in Web page fields to support on-device firewall	Firewall Section Fields in Security Web Page Fields

New and Changed Information for Firmware Release 5.1(1)

Features	New or Changed Information
Automatic Handset Registration in HEBU Mode	<p>New sections:</p> <ul style="list-style-type: none"> • Configure the HEBU Mode in the Base Station • Configure the HEBU Username and Password in the Base Station <p>Updated sections:</p> <ul style="list-style-type: none"> • Management Web Page Fields • Terminal Web Page Fields
Base Station Status File Export	New section: Export the Base Station's Status File

Features	New or Changed Information
Call Groups Addition for Intercom Calls	New sections: <ul style="list-style-type: none">• Add or Edit Local Call Groups• Configure Handsets to the Call Group• Configure Handset Intercom Function• Local Call Groups
Caller ID Display Enhancement	New sections: <ul style="list-style-type: none">• Add or Edit the Caller ID on IP DECT Phone• Configure Caller ID for the Handset
Dial Plan Enhancements	Updated section: Dial Plans Web Page Fields New sections: <ul style="list-style-type: none">• Dial Plan• Dial Plan Overview• Digit Sequences• Digit Sequence Examples• Acceptance and Transmission of the Dialed Digits• Interdigit Long Timer (Incomplete Entry Timer)• Syntax for the Interdigit Long Timer• Example for the Interdigit Long Timer• Interdigit Short Timer (Complete Entry Timer)• Syntax for the Interdigit Short Timer• Examples for the Interdigit Short Timer• Add or Edit the Dial Plan on IP DECT Phone• Configure Dial Plan for the Handset• DTMF Wait and Pause Parameters
Handset Settings Enhancements	New section: Modification to Handset Settings Updated section: Management Web Page Fields
Language and Texts Changes in a Handset	New section: Configure Language and Text Settings for a Handset Updated section: Firmware Update Web Page Fields

Features	New or Changed Information
Location Server Configuration for Emergency Calls	New section: Configure the Location Server for Emergency Calls Updated section: Management Web Page Fields
Media Security and Call Handling Enhancements	New sections: <ul style="list-style-type: none"> • Configure the SIP Transport • SIP Configuration Updated sections: <ul style="list-style-type: none"> • Set Up the Media Security • Security Web Page Fields
Report Upload to Problem Report Server	New section: Configure Problem Report Tool Server Updated section: Management Web Page Fields

New and Changed Information for Firmware Release 5.0

Features	New or Changed Information
Base Station Default Password Change	Updated sections: <ul style="list-style-type: none"> • Sign in to the administration web page • Sign in to the User Web Page • Change the Web Page Administrator or User Password • Security Web Page Fields
Call Quality Statistics to Call Server	New section: Set Up Call Quality Statistics to Call Server Updated section: Servers Web Page Fields

Features	New or Changed Information
Dual Cell Network	<p data-bbox="959 289 1110 317">New sections:</p> <ul data-bbox="997 338 1468 506" style="list-style-type: none"><li data-bbox="997 338 1468 401">• Add an Additional Base Station to Make a Dualcell Network (Workflow)<li data-bbox="997 405 1300 432">• Dual Cell Web Page Fields<li data-bbox="997 436 1284 464">• Dualcell Troubleshooting<li data-bbox="997 468 1338 495">• Turn On Dualcell Debug Logs <p data-bbox="959 527 1149 554">Updated sections:</p> <ul data-bbox="997 575 1523 1100" style="list-style-type: none"><li data-bbox="997 575 1523 638">• Cisco IP DECT 6800 Series Overview, on page 1<li data-bbox="997 642 1430 705">• Set Up the Cisco IP DECT 6800 Series (Workflow), on page 14<li data-bbox="997 709 1247 737">• Handset Registrations<li data-bbox="997 758 1500 785">• Single Cell, Dualcell, and Multicell Networks<li data-bbox="997 806 1523 833">• Mount the base station or repeater on the ceiling<li data-bbox="997 840 1484 867">• Mount the base station or repeater on a desk<li data-bbox="997 871 1500 898">• Mount the base station or repeater on the wall<li data-bbox="997 905 1321 932">• Set the Base Station Country<li data-bbox="997 936 1446 999">• Add Additional Base Stations to Make a Multicell Network (Workflow)<li data-bbox="997 1003 1338 1031">• Home/Status Web Page Fields<li data-bbox="997 1052 1414 1100">• Handset Screen Displays "Searching"
Firmware Filename Modification	<p data-bbox="959 1129 1110 1157">New sections:</p> <ul data-bbox="997 1178 1328 1241" style="list-style-type: none"><li data-bbox="997 1178 1328 1205">• Downgrade the Base Stations<li data-bbox="997 1226 1279 1253">• Downgrade the Handsets <p data-bbox="959 1283 1149 1310">Updated sections:</p> <ul data-bbox="997 1331 1386 1415" style="list-style-type: none"><li data-bbox="997 1331 1386 1358">• Firmware Update Web Page Fields<li data-bbox="997 1379 1386 1415">• System Upgrades and Downgrades
SIP Notification of Handset Removal	<p data-bbox="959 1465 1523 1493">New section: Configure the SIP Notify Authentication</p> <p data-bbox="959 1503 1414 1535">Updated section: Servers Web Page Fields</p>

Features	New or Changed Information
UI Enhancements	<ul style="list-style-type: none">• New fields SIP Session Timers and Supported 100rel in the Servers Web Page Fields• New fields Mode, Via DHCP priority, LLDP-MED Send, and LLDP-MED Send Delay in the Network Web Page Fields• New field Protocol in the Management Web Page Fields• New fields Current local RTP connections, Current local relay RTP connections, Current remote relay RTP connections, Current recording RTP connections, Current Blackfin DSP status, and Total number of Blackfin DSP restarts in the Generic Statistics Web Page Fields• New field Info in the Diagnostics Web Page Fields
General Changes	New maintenance procedures: <ul style="list-style-type: none">• Reboot the Base Station Remotely• Remove the Handset from the Web Page• Remove the Handset Remotely

New and Changed Information for Firmware Release 4.8

Feature	New or Changed Content
110 Single-Cell Base Station	<p>New section: Base Station and Repeater Identification, on page 3</p> <p>Updated sections:</p> <ul style="list-style-type: none"> • Cisco IP DECT 6800 Series Overview, on page 1 • Set Up the Cisco IP DECT 6800 Series (Workflow), on page 14 • Installation Requirements • Mount the base station or repeater on the ceiling • Mount the base station or repeater on a desk • Mount the base station or repeater on the wall • Set the Base Station Country • Add Additional Base Stations to Make a Multicell Network (Workflow) • Handset Screen Displays "Searching" • Automatic Configuration • Download and Copy the Firmware Files to the TFTP, HTTP, or HTTPS Server
110 Repeater	<p>New sections:</p> <ul style="list-style-type: none"> • Base Station and Repeater Identification, on page 3 • Set Up a 110 Repeater in Your Network, on page 16 • Repeater Package Contents • Add a Repeater • Repeaters Web Page Fields • Repeater Installation Problems

Feature	New or Changed Content
110 Repeater	Updated sections: <ul style="list-style-type: none"> • Cisco IP DECT 6800 Series Overview, on page 1 • Set Up the Cisco IP DECT 6800 Series (Workflow), on page 14 • Installation Requirements • Install the Base Station • Mount the base station or repeater on the ceiling • Mount the base station or repeater on a desk • Mount the base station or repeater on the wall • Extensions Web Page Fields • Statistics Web Page Fields • Diagnostics Web Page Fields • Perform a Site Survey • Download and Copy the Firmware Files to the TFTP, HTTP, or HTTPS Server • Handset Installation Problems
6823 Handset	Updated sections: <ul style="list-style-type: none"> • Cisco IP DECT 6800 Series Overview, on page 1 • Installation Requirements • Set Up the charging cradle • Configure Alarms • Firmware Update Web Page Fields • System Upgrades and Downgrades • Handset Specifications
Access Code Addition to Handsets	Updated the sections: <ul style="list-style-type: none"> • Assign handsets to users • Start handset registration • Connect the handset to the base station • Country Web Page Fields
Certificate Time Validation Enhancement	Updated the section Set the Base Station Country

Feature	New or Changed Content
Paging	New sections: <ul style="list-style-type: none"> • Configure Paging • The table Multiple Paging Group Parameters in Management Web Page Fields • The field Page Tone in Call Progress Tones Web Page Fields
Password Enhancements	New sections: <ul style="list-style-type: none"> • Set a Password Rule. • The table Web password constraints Section Fields in Security Web Page Fields
Multicell Provisioning Enhancement	Updated section: Automatic Configuration
Security for Media	New section: Set Up the Media Security Updated sections: <ul style="list-style-type: none"> • Security • The field Secure RTP, and new fields Media Security and Media Security only for TLS in Servers Web Page Fields
Shared Call Enhancements	New field BroadWorks Busy Lamp Field List URI in Add or Edit Extension Web Page Fields
Temporary Handset Addition to Base Station	New sections: <ul style="list-style-type: none"> • Set Up a Handset Automatically with the Username and Password • Set Up a Handset Automatically with a Short Activation Code • Temporary Handset Addition to the Base Station • The table Promiscuous Mode Section Fields in Management Web Page Fields
UI Enhancements	New fields Status and Extension in the Extensions Web Page Fields
Troubleshooting Changes	New section: Handset Can't Register.

Feature	New or Changed Content
General Changes	<p>Addition of handset package details in Handset package contents</p> <p>Update of default password in Sign in to the User Web Page</p> <p>Addition of static IP details in Configure the Network Settings</p> <p>Addition of local text folder details in Central Directory Setup</p> <p>Addition of information about an alarm server configuration in Configure Alarms</p> <p>Addition of multicell system prerequisite requirements in Set Up a Multicell System on the Primary Base Station</p> <p>Update of headset support information in Audio Quality</p> <p>Addition of description details in various web page field tables</p> <p>Addition of values for auto resync in Management Web Page Fields</p> <p>Addition of LED pattern and upgrade time in Upgrade the Base Stations and Upgrade the Handsets</p> <p>New troubleshooting procedure in Handset Beeps Continuously While in the Charger</p>

New and Changed Information for Firmware Release 4.7

Starting with this release:

- The release number scheme changes to conform to the standard Cisco release numbers. Internally, the previous number scheme will display. Firmware Release 4.7 and Firmware Release V470 B6 are the same firmware release.
- All document updates related to the release are clearly marked. For example, if there is a new field added or a field removed, the documentation indicates the type of change and what release the change applies to.

Feature	New or Changed Information
210 Multi-Cell Base Station	<p>Cisco IP DECT 6800 Series Overview, on page 1</p> <p>Set Up the Cisco IP DECT 6800 Series (Workflow), on page 14</p> <p>Installation Requirements</p> <p>Download and Copy the Firmware Files to the TFTP, HTTP, or HTTPS Server</p> <p>Upgrade the Handsets</p> <p>Handset Specifications</p>
DNS NAPTR Support	Add information to the SIP Transport field to Servers Web Page Fields .
Opus Codec Support	Add OPUS to the Codec Priority field in Servers Web Page Fields .

Feature	New or Changed Information
UI Enhancements	<p>The Extensions web page and its subpages have been changed. This impacts the following content:</p> <ul style="list-style-type: none"> • Extensions Web Page Fields The previous section is available here: Extensions Web Page Fields for Firmware Release V450 and V460. • Terminal Web Page Fields The previous section is available here: Terminal Web Page Fields for Firmware Release V450 and V460 • Add or Edit Extension Web Page Fields <p>Add the Extension Info, Terminal Position, Battery Level, RSSI, and Measurement Time [mm:ss] fields in Extensions Web Page Fields.</p> <p>Add the maximum length of the Authentication User Name, Authentication Password, XSI User Name and XSI Password fields in Add or Edit Extension Web Page Fields.</p> <p>Add Failover Reconnect Time to Network Web Page Fields.</p> <p>Add Emergency calls, Call drops due to emergency call, and Emergency calls rejected fields to Calls view in Statistics Web Page Fields.</p> <p>Some fields no longer display in the web pages for Firmware Release 4.7. They have been marked as removed.</p>
General changes	<p>Updates to Set Up the Cisco IP DECT 6800 Series (Workflow), on page 14 to reorder the tasks.</p> <p>Clarifications about country information in Set the Base Station Country.</p> <p>Perform a Site Survey was rewritten.</p> <p>New troubleshooting procedures Handset Won't Turn On and Handset Won't Stay On.</p>

New and Changed Information for Firmware Release V460

Feature	New or Updated Sections
Base station web page enhancements	<p>New Base Station Accounts, on page 17</p> <p>New Sign in to the User Web Page</p> <p>Updated Base Station Web Pages</p> <p>Updated New and Changed Information for Firmware Release V460, on page 14</p> <p>Updated Terminal Web Page Fields for Firmware Release V450 and V460</p> <p>Updated Servers Web Page Fields</p> <p>Updated Management Web Page Fields</p> <p>Updated Central Directory Web Page Fields</p> <p>Updated Generic Statistics Web Page Fields</p>
Broadsoft All directory	Updated Central Directory Web Page Fields
CDP support	Updated Network Web Page Fields and Network Protocols
Handset out-of-box enhancements	Updated Handset Won't Register (Automatic Configuration)
PCAP logs	<p>Updated Diagnostics Web Page Fields</p> <p>New task Generate PCAP Logs</p>
General changes	<p>New tasks:</p> <ul style="list-style-type: none"> • Add a Second Line to a Handset • Share a Line Between Handsets • Handset Won't Register (Automatic Configuration) • Handset Won't Register (Manual Configuration) • Base Station LED Flashes Red and Handset Displays "No SIP Reg" Message

Set Up the Cisco IP DECT 6800 Series (Workflow)

Use the following workflow to guide you through the setup of the 110 Single-Cell Base Station or 210 Multi-Cell Base Station in your system.



Note This workflow is a plan for a single-base system. If you need to add another 110 Single-Cell Base Station or Cisco IP DECT 210 Multi-Cell Base Station, or additional 210 Multi-Cell Base Stations, the additional base stations require additional knowledge.

Installation can take two approaches:

- **Automatic:** In this scenario, the base station and handsets are preconfigured by the service provider.
- **Manual:** In this scenario, the base station and handsets must be configured with the administration web pages. The service provider needs to provide information to enable the system to communicate with the call control service.

After you complete this workflow, you can configure directories, security, and additional features. For more information, see [Phone Administration](#).

Procedure

	Command or Action	Purpose
Step 1	Installation Requirements	Prepare for system installation.
Step 2	Install the Base Station	Check that the base station and network can communicate. If the system uses automatic configuration, the system automatically downloads its configuration.
Step 3	Perform a Site Survey	Temporarily place the base station in the planned locations and ensure that the placement gives good coverage before you permanently install the hardware. For more information, see the <i>Cisco IP DECT Phone 6800 Series Deployment Guide</i> .
Step 4	Perform one of these tasks: <ul style="list-style-type: none"> • Mount the base station or repeater on the ceiling • Mount the base station or repeater on a desk • Mount the base station or repeater on the wall 	Mount the base station in the desired location.
Step 5	Sign in to the administration web page	Connect to the base station web page from your browser.
Step 6	Configure the Base Station	(Manual configuration only) Configure the base station to communicate with the SIP server for call processing.
Step 7	Set the Base Station Country	(Manual configuration only) Configure the country and time for the base station. The

	Command or Action	Purpose
		country determines ringtones and in-band tones. The country also helps with time setup. The time is displayed on the handsets and in the base station log files.
Step 8	Configure the Network Settings	(Manual configuration only) Set up the network so that you can make calls.
Step 9	Add Handsets to the Base Station	(Manual configuration only) Configure handsets on the base station. You can set up one handset or multiple handsets.
Step 10	Assign handsets to users	(Manual configuration only) In the multiple handset setup scenario, assign handsets to specific users.
Step 11	Start handset registration	Prepares the base station to expect the handsets to register and complete the communication loop.
Step 12	Connect the handset to the base station	Set up communication between the handset and the base station.
Step 13	Verify the System Configuration	Check that you can place calls.
Step 14	(Optional) Perform a Site Survey	Check that the base stations are correctly placed for communication with the handsets.
Step 15	(Optional) Back Up the System Configuration	Perform a backup to save the configuration.

What to do next

If you need to set up a 110 Repeater, go to [Set Up a 110 Repeater in Your Network](#), on page 16.

Related Topics

[Manual Configuration](#)

[Automatic Configuration](#)

Set Up a 110 Repeater in Your Network

Use the following workflow to configure a 110 Repeater to work with your 110 Single-Cell Base Station.



Note Do not connect the repeater to power until instructed to in [Add a Repeater](#).

Before you begin

The base station must be installed and active.

At least one handset must be installed and active.

Procedure

	Command or Action	Purpose
Step 1	Installation Requirements	Prepare for system installation.
Step 2	Perform a Site Survey	Temporarily place the repeaters in the planned locations and ensure that the placement gives good coverage before you permanently install the hardware. For more information, see the <i>Cisco IP DECT Phone 6800 Series Deployment Guide</i> .
Step 3	Perform one of these: <ul style="list-style-type: none"> • Mount the base station or repeater on the ceiling • Mount the base station or repeater on a desk • Mount the base station or repeater on the wall 	Mount the repeater in the desired location.
Step 4	Sign in to the administration web page	Connect to the base station web page from your browser.
Step 5	Add a Repeater	Add the repeater to the system.
Step 6	Verify the System Configuration	Check that you can place calls.
Step 7	Perform a Site Survey	Check that the base station and repeater are correctly placed for communication with the handsets.
Step 8	(Optional) Back Up the System Configuration	Perform a backup to save the configuration.

Base Station Accounts

You can sign into the base station as an administrator or as a user. Your service provider gives you the IDs and passwords.

The administrator ID gives you access to all the web pages and all fields described in this document.

The user ID gives you access to a subset fields in these web pages only:

- Home/Status
- Extensions
- Terminal

Related Topics[Base Station Web Pages](#)

System Behavior During Times of Network Congestion

Anything that degrades network performance can affect phone system voice quality, and in some cases, can cause a call to drop. Sources of network degradation can include, but are not limited to, the following activities:

- Administrative tasks, such as an internal port scan or security scan
- Attacks that occur on your network, such as a Denial of Service attack

Power Outage

Your access to emergency service through the phone requires that the base station receive power. If a power interruption occurs, service or emergency calling service dialing does not function until power is restored. If a power failure or disruption occurs, you may need to reset or reconfigure the equipment before you can use service or emergency calling service dialing.

Your access to emergency service also requires that the handset has sufficient battery power. If the battery doesn't have enough power, service or emergency calling service dialing does not function until the battery is sufficiently charged.

Terminology Differences

The following table highlights some of the terminology differences in the *Cisco IP DECT 6800 Series User Guide* and the *Cisco IP DECT 6800 Series Administration Guide*.

Table 2: Terminology Differences

User Guide	Administration Guide
Message Indicators	Message Waiting Indicator (MWI) or Message Waiting Lamp
Voicemail System	Voice Messaging System

Supported Characters

When you input information, the base stations and handsets support the following characters:

Figure 2: Supported Characters

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0			0	@	P	'	p	€	i	°	À	Ð	à	ð		
1		!	1	A	Q	a	q	ı	'	j	±	Á	Ñ	á	ñ	
2		"	2	B	R	b	r	,	'	ø	Č	Ā	Ò	â	ò	
3		#	3	C	S	c	s	f	"	£	č	Ā	Ó	ã	ó	
4		\$	4	D	T	d	t	„	"	¤	’	Ä	Ô	ä	ô	
5		%	5	E	U	e	u	...	•	¥	µ	Å	Õ	å	õ	
6		&	6	F	V	f	v	†	-	ı	ŧ	Æ	Ö	æ	ö	
7		'	7	G	W	g	w	‡	—	§	·	Ç	×	ç	÷	
8		(	8	H	X	h	x	ˆ	˜	˝	˘	È	Ø	è	ø	
9		)	9	I	Y	i	y	Ř	ř	Û	Ď	É	Ù	é	ù	
A		*	:	J	Z	j	z	Š	š	û	d'	Ê	Ú	ê	ú	
B		+	;	K	[	k	{	<	>	«	»	Ë	Û	ë	û	
C		,	<	L	\	l	|	Œ	œ	Ě	Ť	İ	Ü	ı	ü	
D		-	=	M	]	m	}	Ş	ş	ě	ı'	Í	Ý	í	ý	
E		.	>	N	^	n	~	Ž	ž	Ň	ň	İ	ß	î	þ	
F		/	?	O	_	o	ö	ÿ	ˉ	ı	ı	ı	ı	ı	ı	



Note You can press the center softkey in the 6823 Handset to access the special characters.

Cisco IP DECT 6800 Series Documentation

See the publications that are specific to your language and firmware release. Navigate from the following Uniform Resource Locator (URL):

<https://www.cisco.com/c/en/us/support/collaboration-endpoints/ip-dect-6800-series-multiplatform-firmware/tsd-products-support-series-home.html>

